

LAW OFFICES
LEYDIG, VOIT & MAYER, LTD.
TWO PRUDENTIAL PLAZA, SUITE 4900
CHICAGO, ILLINOIS 60601-6780

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TELEPHONE: (312) 616-5600

FACSIMILE: (312) 616-5700 (G3)
(312) 849-0495 (G4)

FACSIMILE COVER SHEET

DATE: OCTOBER 21, 2005

NUMBER OF PAGES (INCLUDING
THIS TRANSMITTAL COVER SHEET): 11

TIME:

OUR REFERENCE: 223591

FROM: Christopher T. Griffith, Reg. No. 33,392

TELEPHONE: (312) 616-5600

TO: MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
U.S. PATENT AND TRADEMARK OFFICE
P.O. Box 1450
Alexandria, VA 22313-1450

TELEPHONE NUMBER:

FACSIMILE NUMBER: 571-273-8300

IN RE APPLN. OF: ANDRIESSEN
APPLICATION NO. 10/630,492
FILED: 07/30/03
FOR: POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY
SENSITIZED WITH METAL OXIDE
GROUP ART UNIT: 2811
EXAMINER: LING X. XU

ATTACHED:
AMENDMENT TRANSMITTAL (1 PAGE IN DUPLICATE)
REPLY TO OFFICE ACTION (8 PAGES)

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FORM PTO-1083

PATENT
 Attorney Docket No. 223591
 Client Reference No. GN02091
 Date: October 21, 2005

In re Application of: ANDRIESSEN

Application No. 10/630,492

Filed: July 30, 2003

For: POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY SENSITIZED WITH METAL OXIDE

Mail Stop Amendment
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Sir:

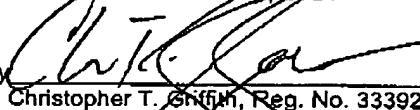
Transmitted herewith is a reply to office action in the subject application.

- ☐ Small entity status is claimed for this application under 37 CFR 1.27.
- ☒ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

| | | | | | SMALL ENTITY | | OTHER THAN A SMALL ENTITY | |
|---|--------------------------------------|-------|------------------------------------|----------------------|--------------|-----------------|---------------------------|-----------------|
| TIME EXTENSION PETITION FEE | | | none | | \$ 0.00 | | \$ 0.00 | |
| subtract time extension fee previously paid | | | none | | (\$ 0.00) | | (\$ 0.00) | |
| | | | | | | | | |
| CLAIM FEE | CLAIMS REMAINING AFTER AMENDMENT | | HIGHEST NUMBER PREVIOUSLY PAID FOR | EXTRA CLAIMS PRESENT | RATE | ADD'L CLAIM FEE | RATE | ADD'L CLAIM FEE |
| TOTAL | 31 | MINUS | 31 | = 0 | x 25 = | \$0.00 | x 50 = | \$0.00 |
| INDEPENDENT | 6 | MINUS | 6 | = 0 | x 100 = | \$0.00 | x 200 = | \$0.00 |
| <input type="checkbox"/> | FIRST PRESENTATION OF MULTIPLE CLAIM | | | | + 180 = | \$0.00 | + 360 = | \$0.00 |
| | | | | | | | | |
| TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT | | | | | TOTAL | \$0.00 | TOTAL | \$0.00 |

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,
 LEYDIG, VOIT & MAYER, LTD.

By 
 Christopher T. Griffin, Reg. No. 33392

Leydig, Voit & Mayer, Ltd.
 Two Prudential Plaza, Suite 4900
 180 North Stetson Avenue
 Chicago, Illinois 60601-6780
 (312) 616-5600 (telephone)
 (312) 616-5700 (facsimile)

Amendment or ROA Transmittal (Revised 5/9/05)

FORM PTO-1083

PATENT

Attorney Docket No. 223591

Client Reference No. GN02091

Date: October 21, 2005

In re Application of: ANDRIESSEN

Application No. 10/630,492

Filed: July 30, 2003

For: POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY SENSITIZED WITH METAL OXIDE

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Respectfully submitted,
 LEYDIG VOIT & MAYER, LTD.

By

Christopher T. Griffin, Reg. No. 33392

Leydig, Voit & Mayer, Ltd.
 Two Prudential Plaza, Suite 4900
 180 North Stetson Avenue
 Chicago, Illinois 60601-6780
 (312) 616-5600 (telephone)
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Amendment or ROA Transmittal (Revised 5/9/05)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/630,492

Applicant: ANDRIESSEN

Filed: July 30, 2003

TC/AU: 2811

Examiner: Ling X. Xu

Docket No.: 223591 (Client Reference No. GN 02091 OCONNANOSSENS-2)

Customer No.: 23460

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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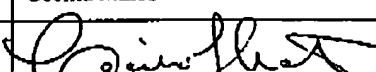
REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated October 4, 2005, please enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

| MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10 | | | |
|---|---|------|------------------|
| I hereby certify that this document and all accompanying documents are, on the date indicated below, being <input type="checkbox"/> deposited with the U.S. Postal Service using "Express Mail" service in an envelope addressed in the same manner indicated on this document with Express Mail Label Number <input type="checkbox"/> deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed in the same manner indicated on this document, or <input checked="" type="checkbox"/> facsimile transmitted to the U.S. Patent and Trademark Office at fax number: (571) 273-8300. | | | |
| Name (Print/Type) | Cecilia Mateo | | |
| Signature |  | Date | October 21, 2005 |